BOWENS

the power behind the picture

Gemini R & Pro

Owner's Handbook

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warranty

All Bowens electrical products are covered by a two year warranty against any faulty design, materials and workmanship.

If a product does not work on arrival or up to a maximum period of four weeks from the date of purchase, it should be returned to the dealer/retail outlet from where it was purchased, to exchange (if available) the faulty unit for a new one; if the faulty unit was part of a kit that was purchased, the dealer / retailer may choose to simply replace the unit and not the entire kit. Alternatively the dealer may offer to repair the unit as soon as possible at no charge.

If neither an exchange or repair is possible for the faulty unit, then a full refund may be made.

If a warranty fault occurs after the initial four week period (and within the max two year warranty period), then the unit should be returned to the dealer, who will arrange to repair the unit as soon as possible, at no charge.

This warranty does not apply to consumable items such as flash tubes, modelling lamps, fuses, consumable type batteries.

Should a unit be returned at any time within the two year warranty period, and it is judged to have experienced any of the following points, failure to follow working instructions correctly, accidental or willful damage, misuse, alteration or repair by a non authorised Bowens service / repair centre, then the warranty will be deemed invalid and any repairs that may need carrying out will be payable by the owner.

The cost of any repairs should be notified to the owner, by the dealer, in advance of undertaking any work that may be required.

No warranty repairs can be undertaken to any units without proof of purchase.

All warranty repairs or returns must be conducted with the dealer from where the product was purchased.

Other terms and conditions may be applicable in specific countries, if stated by the dealer at the time of purchase.

All Bowens products are certified by the CE mark. The CE certified mark is a declaration of conformity to the required EEC directives 89/336/EEC ‘Electromagnetic Compatibility’ and 73/23/EEC ‘Low Voltage Directive’.

CE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Warning: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection. This equipment uses radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice: Bowens approved cables must be used in order to comply with emission limits. Note: Changes or modification not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

FC

introduction

Accurate, ergonomic and robust, the Gemini R and Pro ranges have been designed by working closely with photographers to develop a compact flash unit that meets the exacting high standards demanded in professional studios today at the same time remaining simple and intuitive to use.

All ‘S-Type’ accessories from the Bowens range can be used with the Gemini as well as the Bowens Travelpak battery system and Bowens/PocketWizard radio trigger cards.
For more information about these accessories and to find details of your nearest Bowens dealer, please visit the Bowens website.
www.bowens.co.uk.

In order to obtain the full benefit from your purchase, please take a few moments to familiarise yourself with this user manual.

safety notes

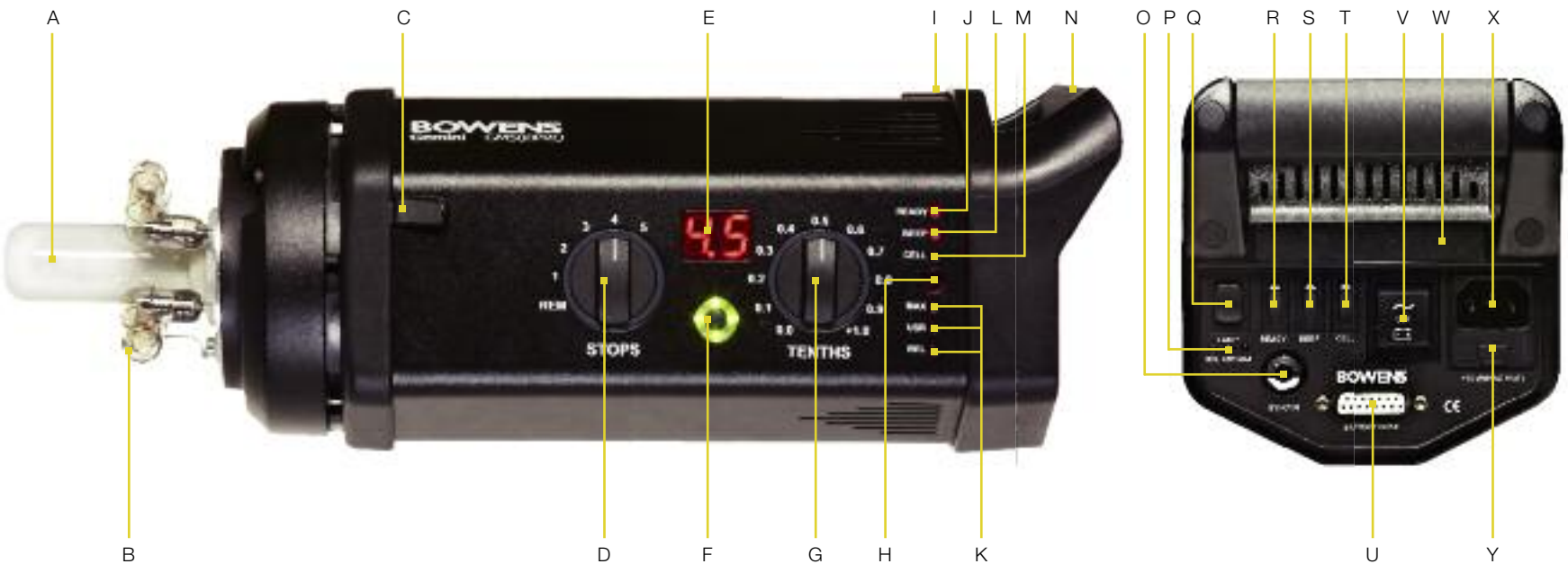
always...

- Switch power off and disconnect from the power supply before changing the modelling bulb or flash tube.
- Disconnect the power supply before changing the fuse. Never replace with a fuse of a different rating.
  A spare fuse is fitted in the fuse holder under the AC inlet (see page.4)
- Exercise care when handling equipment that has been in use. The reflector & front of the unit can be very hot.
- Avoid placing cables where they can be tripped over. Protect from heavy, sharp or hot objects, which may cause damage & replace damaged cables immediately.
- Due to the high voltage / high energy used in Gemini monolights, all servicing must be carried out by a Bowens authorised service centre.
- Always remove the power cord by gripping the plug. NEVER pull the cord.
- Always ensure that any extension cord used has a suitable current rating to prevent overheating and never use coiled extension cords.
- Always remove the flash head covers before using.

never...

- Use in an environment where moisture or flammable vapour is likely to come in contact with the unit.
- Plug your Gemini monolight into an AC supply and a Travelpak battery at the same time.
- Restrict air vents while in use.
- Use a unit with damaged housing, mouldings, flash tube or modelling lamp. If the unit is dropped or damaged in any way, always have it checked before using.
- Operate the unit without a safe grounded AC supply.

gemini r and pro controls



A: Modelling Lamp
B: Flash Tube
C: Accessory Release Latch
D: 1 Stop Power Adjust Dial
E: LED Display
F: Flash Test Button
G: 1/10 Stop Power Adjust Dial
H: Infra-Red Control Window
I: Photocell
J: Modelling Ready On/Off LED
K: Modelling Function Indicators
L: Ready Beep On/Off LED
M: Photocell On/Off LED
N: Carry Handle
O: 1/4” Jack Sync Socket
P: Modelling Functions Indicator
Q: Modelling Lamp Function Switch
R: Modelling Ready On/Off Switch
S: Ready Beep On/Off Switch
T: Photocell On/Off Switch
U: DC Power Input
V: AC/DC Power Switch
W: Plug-In Radio Trigger Compartment
X: AC Power Input
Y: Fuse Holder

Operating your Gemini R or Pro

The Bowens Gemini R and Pro monolights can be operated fromeither an AC (mains) supply or from a Bowens Travelpak battery.

For AC (mains) operation, the AC switch (page 4) should be in the upper position. ~
For DC (battery) operation, the switch should be in the lower position.

NOTE: When operating from a Travelpak battery, the modelling functions are not available, this is to preserve battery life.

- Ensure the power source if off.
- Connect the unit using the appropriate cable.
- If using the Travelpak, ensure the connector locks are fully tightened.
- Switch the power source on, then switch on the Gemini.
- The unit will charge & indicate it is ready for use by lighting the green flash-ready LED.
- Press the test button to check the unit fires.

WARNING HIGH VOLTAGE! Never connect a Gemini monolight to a Travelpak battery and AC (Mains) supply at the same time. This appliance must be grounded when used with AC. Disconnect the AC plug when changing modelling lamps and flash tubes.

Mounting your Gemini R or Pro

Mount your monolight on a dependable support system.

The mount bush on the 'L' bracket allows for two possible ways of mounting to the stand/support (below).

Method B may be found useful if the light is required to point down.

User Set-Up Options

To enter the 'user set-up options' hold down the 'flash test' button (page 4) for 3-4 seconds when the unit is initially switched on.

Once the unit has entered the user set-up options the LED display will first show a continuous sequence of numbers (four sets of two numbers). Firstly the software version will be displayed (shown by a decimal point i.e. '1.1'), followed by a three, two-digit number sequence, representing the total flash count for that particular unit (up to 999,999). Each set of numbers in the flash count sequence will be interspersed with a dash, for instance 00-15-76 (representing 001,576 flashes).

Once the LED display had cycled through the software version and the total flash count, the unit will then activate the 'user set-up options'.

The '1/10-stop (TENTHS) power adjust dial' is used to select the required function / option for review or change.

Once a user set-up option is selected using the TENTHS dial, the LED display will show the current setting.

To cycle through / change the setting for any user set-up option, press the 'modelling lamp function switch' (page 4) at the rear of the unit either up or down.

Once all the user set-up options have been reviewed or changed as required, press the 'flash test' button to save the amended settings and reboot the unit to normal operation.

set-up and operation

User Set-Up Options

The following options are available in the 'user set-up' mode for review or change:

TENTHS	Functions & Options	Setting	Default
0	**Reset all options to default** (set to 1 to reset options).	0 & 1	0
1	**Invert Display** (normal (0) or invert (1)).	0 & 1	0
2	**Photocell Trigger** (can be set to trigger on the first (1), second (2), third (3) or the fourth (4) flash detected).	1,2,3 & 4	1
3	**Lamp Ready Indication** - (intermittent (0) or pulse (1)).	0 & 1	0
4	**Flash Dump** (off (0) or on (1)).	0 & 1	0
5	**Ready Sounder** - (intermittent (0) or continuous (1)).	0 & 1	0
6	**Auto Lamp-Saver** (off (0) or number of minutes until activation (1-99)).	0 to 99	30

Mains / Battery Voltage Supply

The **Gemini R** range is a single / fixed voltage unit (117V or 230V) and will only operate from a fixed mains (AC) supply (either 117V or 230V); or via one of Bowens battery systems.

Always check the supply voltage for each unit before using.

The recommended voltage supply for each unit is stated on the rear panel just below the mains connection (page 4).

To use the Gemini from a mains supply the 'mains / battery power switch' (page 4) must be in the upper position.

The **Gemini Pro** range units are all multi-voltage and will operate from a nominal 117V or 230V mains power supply (as well as from one of Bowens battery systems), once a mains power supply is connected to a Gemini Pro and the unit is switched on, the unit will automatically detect the voltage supply it is connected to.

The battery (DC) input from a Bowens battery system is automatically detected when connected and the unit switched on. To use the Gemini from a battery system the 'mains / battery power switch' (page 4) must be in the lower position.

Flash Power Control

The flash power is set using two rotary dials (fig.1); the left-hand dial is used to increase or decrease the flash power in full 1-stop adjustments, the right-hand dial is used to control the power in exact $\frac{1}{10}^{th}$-stop adjustments. Both settings are indicated on a scale around each dial; the current setting is also shown on the LED display.

The maximum F-stop (power setting) depends on the flash power rating of each individual unit. 250Ws, 500Ws and 750Ws units provide a 5-stop power range, F1.0 to F6.0 (5-stop power adjustments over 6-stop points is equal to full power to $\frac{1}{32}$). The 1000Ws and the 1500Ws units provide a 7-stop range, F1.0 to F8.0 (7-stop power adjustments over 8-stop points is equal to full power to $\frac{1}{128}$).

fig1.

Infra-Red Remote Control Power Adjustments

The first position (REM) on the 1-stop power adjust dial sets the unit to operate from Infra-Red remote control only. Once the unit is set to operate from IR remote control the power setting can then only be read from the LED display, as the power adjust dials will not function.

Once the unit is in remote control mode, the $\frac{1}{10}^{th}$-stop power adjustment dial selects the prefered remote control channel:

position 0 (0.0 tenths) = All channels,
position 1 (0.1 tenths) = channel 1,
position 2 (0.2 tenths) = channel 2,
position 3 (0.3 tenths) = channel 3,
position 4 (0.4 tenths) = channel 4 etc.

The IR channel can be adjusted at any time once the unit is in remote mode (REM).

Automatic Flash Dump

Automatic flash dump (as well as standard resistive dump) can be selected during the 'user set-up' mode, which is available when the unit is switched on (see page 5 for 'user set-up' mode and options).

Automatic flash dump is a built-in feature of the Gemini R and Pro level models. The Gemini's intelligent management system controls the automatic flash dump function by monitoring the difference between the current, set flash power level, and the target power the unit has just been adjusted to. The management system decides if it would be quicker for the unit to flash dump the power and recharge to the desired level or to simply resistive dump the power to the required level. The automatic flash dump only works 1-2 seconds after the user has stopped adjusting the flash power.

Note: When turning a Gemini R or Pro off, the unit will automatically dump the charged power, this is to ensure that no flash power is stored in the capacitors while the unit is switched off.

Power Charging / Dumping Indicators

The illuminated 'flash test' button on the side of the unit (see page 4) shows the charging status as follows:

Charging	-	Green LED flashes quickly
Ready	-	Green LED lit continuously
Dumping	-	Green LED flashes slowly

Flash Ready Indicators

There are various indications available on the unit to let the user know when the unit is 100% charged and ready to fire.

Ready Sounder - an audible ready beep is available via an on / off rocker switch at the rear of the unit (see page 4); the ready beep can also be switched on / off from a remote control (only in REM mode).

The ready sounder can be used in two ways; the user can set the ready sounder to either emit a continuous beep while the unit is charging and go off when it is 100% ready, or the unit can be set to emit a short beep when the unit is charged and 100% ready. The ready sounder options can be set during 'user set-up' mode. See page 5 for user set-up mode instructions.

Modelling Lamp Ready Indications - the modelling lamp can be used as an indication as to when the unit has fully charged and is ready to fire. The modelling lamp can be set to 'intermittent' or 'pulse'. When the modelling is set to intermittent the lamp will extinguish when the unit has fired, and illuminate again after the unit has charged and is 100% ready. The modelling lamp 'ready' indication settings can be adjusted during the 'user set-up' mode.

If the modelling ready indication is set to pulse, the lamp will simply pulse during the recharge state and come back to the current setting once the unit has charged and is 100% ready. In pulse mode, if the modelling lamp is set to a low level when the unit is fired the modelling will increase in brightness / output during the recharge state and then lower again to the current setting when the unit has charged and is 100% ready. If the modelling is set to a high level when in pulse mode, the modelling will decrease in brightness / output once the unit has been fired and will increase again to the current setting once the unit has charged and is 100% ready.

operation

Modelling Lamp Control

The modelling lamp on the Gemini range has a soft on and off feature to prolong the life of the bulb.

There are various options available on the Gemini R and Pro range models to control the modelling output. These functions can be set using the centre biased modelling lamp function switch on the rear of the unit (page 4). To change the lamp output option, simply cycle through, either up or down.

The various output control options on the R and Pro range Gemini's are:

1.) Relative (REL) - to control the modelling output in proportion to the flash output - when the flash output is altered, the modelling lamp will automatically adjust itself in proportional to the desired flash power level.

2.) User (USR) - allows the user to manually set the modelling to the desired output.

3.) Max (MAX) - sets the modelling output to maximum.

4.) Off - the modelling lamp will completely switch off.

The various modelling lamp control options are highlighted by individual red LED's on the side and rear of the unit (page 4.) When the modelling lamp is set is set to 'Off', none of the red LED's will show.

The red LED's on the side and rear of the unit will display the various options as follows:

Relative	-	REL LED lit continuously.
User	-	USR LED lit continuously.
User set	-	USR LED flashes.
Max	-	MAX LED lit continuously.

Manually Setting the Modelling Output

The modelling lamp output can be adjusted manually.

To manually set the modelling output change the modelling option to the User (USR) setting by using the modelling lamp function switch. When the User option is active the USR LED will flash quickly and then stay on continuously.

Once active the modelling output can then be adjusted by using the modelling lamp function switch, pressing up to increase and down to decrease the output setting.

Setting the Modelling Output with IR Remote

The modelling output can also be set manually by using a remote control. To set the modelling output option to User (USR) using a remote control, press the 'Lamp On/Off' button on the remote control. Once the User option is selected and active, press the 'Master + / -' button on the remote control to adjust the output.

When setting the modelling lamp output the 7-segment LED display on the side of the unit (page 4) will show the current or desired output level.

Lamp Saver Mode

The modelling lamp on the Gemini R and Pro range features a 'lamp saver' function; this allows the modelling lamp to dim if no adjustments are made or the unit hasn't flashed for a specified amount of time.

The length of time for the 'lamp saver' function to activate can be set from 1 to 99 minutes in 'user set-up' mode (see page 5 for 'user set-up' mode and options).

Photocell

The Photocell is a built-in light sensitive trigger that allows the unit to be fired from an external flash source.

The 'CELL' switch on the rear of the unit (see page 4) allows the Photocell to be switched on or off.

If the switch is set to the 'lower' position the cell will be turned 'on', setting the switch to the 'upper' position will turn the Photocell 'off'.

Triggering Using External Flash - To trigger the Gemini using an external flash source the Photocell must be switch on. If the photographer is using an external flash source that uses pre-exposure flashes (like a small on-camera flash) the Photocell must be set to the 'Smartcell' function in order to sync with the camera.

Smartcell - the Photocell on the Gemini R and Pro range has a 'smartcell' option to enable pre-exposure flashes to be ignored. These can be used for exposure measurement and/or red eye reduction. This option allows the Gemini to be synchronised to the camera shutter on the 1st, 2nd, 3rd or 4th flash selected by the user (this option is for those who wish to trigger thelr flash heads without a radio or IR triggering system or without a sync cable). A recognised 1st flash is the normal 'instant' trigger, where only one flash is used coincident with the shutter. To set the desired number of recognised flashes to sync the unit with, the Gemini must be in 'User set-up' mode (see page 5 for 'user set-up' mode and options).

Smartcell 'Learn' mode

The 'smartcell' can also 'learn' the trigger sequence of the external flash so the number of pre-flashes does not have to be manually set. For the Gemini to learn the pre-flash sequence the user must enter the 'User set-up' mode and select the Photocell Trigger option. Once the Photocell Trigger option is selected red LED's on the side and rear of the unit will flash continuously. The Photocell Trigger option on the Gemini must then be set to the 1st flash to enter the learn mode; when number 1 is highlighted / shown on the 7-segment display, aim the external flash at the Photocell and fire the flash. The Photocell will monitor the flash and learn the sequence / number of flashes. The total number of flashes detected will then be shown on the 7-segment LED display on the side of the unit. After the number of flashes is displayed press the flash test button to save the setting shown and to enter normal operation.

Triggering Options

There are a number of ways to trigger the Gemini R and Pro monolights:

Open Flash - For testing or multiple flash applications the 'Test Flash' button can be used.

Sync Socket - The standard ¼" jack socket on the rear panel of the unit may be used for direct connection to a camera or trigger system (i.e. radio or IR)

Photocell - The Gemini has a built-in switchable (on/off) photocell enabling the unit to be triggered by an external flash source.

Plug-in Radio Trigger - The Gemini R and Pro range models feature an option to include a plug-in radio trigger module.

Plug-in Radio Trigger Module

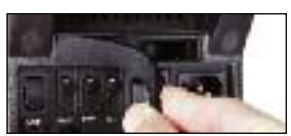
The Gemini R and Pro models feature a unique option to include a plug-in radio trigger module. There are three different plug-in modules available (sold separately) for various professional radio triggering systems, depending on which one the user may already have or wish to use. The three different plug-in trigger modules that are available for the Gemini R and Pro range are:

- Bowens Pulsar Radio Trigger System.
- PocketWizard Radio Trigger System (344Mhz and 433Mhz modules available).

Radio Trigger Card Kits

These simple kits upgrade Bowens Gemini R and Pro (as well as Gemini Classic monolights) to become compatible with the Bowens Pulsar and PocketWizard radio trigger systems.

Kits include radio trigger card, plug-in antenna and simple instructions. Sets up in minutes.



Plug in antenna into side of unit. Remove radio module cover.

Insert radio trigger card into slot and replace radio module cover.

BW5170 - Pulsar Radio Card Kit
BW5180 - PocketWizard Radio Card Kit (433Mhz Euro)
BW5185 - PocketWizard Card Kit (344Mhz US)

operation

Changing the Flash Tube

Ensure that the unit is switched off and disconnected from the AC supply and then wait thirty minutes before touching or removing the flash tube.

Remove the protective cap and unwind the twisted trigger wire from the flash tube support.

Gently pull the flash tube assembly out of the unit.

To replace the assembly, hold the flash tube as shown and taking care to support both legs of the tube, gently but firmly, push the flash tube into position, and wind the trigger wire around the flash tube support.

Always replace with the correct flash tube assembly.

Gemini R range: **BW2030** (clear) / **BW2032** (UV coated)

Gemini Pro range: **BW2980** (clear) / **BW1079** (UV coated)

Changing the Modelling Lamp

Switch off the Gemini and disconnect from the power supply. If the unit has been in use, allow a sufficient amount of time for the lamp to cool.
Unscrew the modelling lamp from the lamp housing and replace wit hthe correct lamp type.

When changing the modelling lamp on a Gemini 1000Pro or 1500Pro, first remove the protective glass cover over the flash tube (ensure the glass has cooled sufficiently before touching if the unit has been in use), then replace the modelling lamp. When changing the smaller E11 Halogen lamps, ensure not to touch the glass with your fingers as the oils from your hands can reduce the life of the lamp.

Changing the Fuse

The modelling and flash circuitry are protected by a single 20mm fuse mounted in the rear panel of the unit.

A fuse may blow when the modelling lamp fails; always check the fuse when replacing a bulb. A spare fuse is located in the draw underneath the mains connection at the rear of the unit. The fuse draw contains two fuses, the furthest fuse inside the draw is the live fuse and the nearest one is a spare. Never replace the fuse with one of a different rating.

Always switch off the unit and disconnect the power supply before changing a fuse.

Transporting Units

When transporting any Bowens units, ensure that all equipment is carefully packed into appropriate bags and/or hard shell cases. Make sure all items are securely placed inside the appropriate baggage to protect from any knocks.

Flash units can become very hot after use. Always wait a minimum of 30 minutes before packing to allow units to cool sufficiently.

If a unit is dropped and / or knocked during transport, always have the unit checked by an authorised Bowens service / repair centre before using.

Power Cables

Only use Bowens approved mains or battery cables to power Bowens products. All mains cables must be used as appropriate to the flash units rated power voltage, and the correct mains pin-configuration.

Disposal and Recycling

This product must be recycled in the correct manner. In order to recycle this product in an environmentally friendly way, please dispose of at your local electronic waste facility.

If you have any questions regarding the disposal of any Bowens products, contact your local Bowens retailer and/or Bowens distributor (a list of which can be found on the bowens website).

Error Indications

All of the Gemini R and PRO range models will indicate errors via the 7-segment LED display, and the red modelling lamp option LED's, on the side and rear of the unit. The 7-segment display will show errors as an 'E' (error) number along with the red modelling lamp option LED's flashing in a particular order. The error indications are as follows (✶ = flashing red modelling option LED):

Error	Display	REL	USR	MAX
No warnings or errors.	F-stops			
Mains voltage out of range - (no charge).	E1	✶	✶	-
Battery low - (no charge).	E2	✶	-	✶
Overheat - (no charge, modelling off).	E3	✶	-	-
Charge Fail - (retry after warning).	E4	-	✶	✶
Tube Misfire - (retry after warning).	E5	-	✶	-
Tube glow-on - (retry after warning).	E6	-	-	✶

Problem?	Check.
No Power.	• Check the unit is switched 'on'. • Check the power cable is inserted correctly. • If using a mains cable, check the fuse on the plug, remember to also check the fuse in the unit.
No Flash.	• Check flash tube is inserted into the flash head correctly. • Check the trigger wire is in contact with the flash tube support. • Change the flash tube. If changing the flash tube does not correct the fault, the unit may have a component failure.
Modelling Lamp not working.	• Change the modelling lamp. • Change fuse at rear of unit.
Unit will not flash from Photocell.	• Check the Photocell is switched 'on'. • Check Photocell is not covered and can 'see' the trigger flash.
Unit will not recharge.	• Check power cable is inserted correctly. • If using a battery, check battery has sufficient charge remaining to power the unit. • Change the fuse at the rear of the unit. • Check the units voltage supply is correct.

Problem?	Check.
Ready 'beep' is not working.	• Check the BEEP switch at the rear of the unit is turned 'on'. • Make sure unit is reaching full recharge.
Unit won't fire from Sync connection.	• Check the sync cord / trigger system is inserted into the sync connection properly. • Try another sync cord.
Unit appears ready but will not fire using the 'flash test' button.	• The unit may be in 'overheat' mode. When the unit is in ovrheat mode, the green ready LED on the side of the unit will be off. • If the green LED is displayed and the unit will not fire from the 'flash test' button then there may be a fault with the unit.
Flash tube only emits a faint glow and will not fire.	• Check flash tube is inserted into the unit correctly and all connections are made. • Change flash tube.

* Note: if any of the above problems persist, please return the unit to an authorised Bowens service / repair centre.

accessories

Travelpak Battery System.

The Gemini Classic is great in the studio, but what if you need to work on location?

Thanks to this handy battery pack, your Bowens Gemini can leave the studio to go on location anytime, anywhere!

Able to power two Gemini units simultaneously with a total power of up to 1500Ws, the Travelpak is capable of bringing a 250Ws unit to full charge as fast as 2.5 seconds, and can offer in excess of 300 flashes on a single charge. The large battery offers double capacity compared to its smaller counterpart.

With a fast/slow charge option to prolong battery life, no location photographer should be without this unique power pack.

Battery Performance:

Typical Flashes (Recycle Time)

	Small Battery:		Large Battery:	
Ws	**1 Head**	**2 Heads**	**1 Head**	**2 Heads**
250	300 (2.5 sec)	150 (5 sec)	600 (2.5 sec)	300 (5 sec)
500	150 (5 sec)	75 (10 sec)	300 (5 sec)	150 (10 sec)

BW7693 - Small Travelpak kit.

Dimensions: 170mm(w) x 140mm(d) x 205mm(h)

Weight: 5kg Includes small battery, charger and cable.

BW7694 - Large Travelpak kit.

Dimensions: 170mm(w) x 140mm(d) x 240mm(h)

Weight: 6.4kg Includes large battery, charger and cable.

Also available for the Travelpak

Universal Mains Charger.

Replacement or spare mains charger for Travelpak batteries. Includes a set of international plug types for travelling overseas.

BW1227 Universal Mains Charger.

Car Charger.

Allows Travelpak batteries to be recharged from a vehicle cigarette lighter or auxiliary power socket when no mains power is available.

BW1245 Car Charger

Travelpak - Gemini Cable.

For connecting a Travelpak battery unit to a Bowens Gemini monolight.

Available in 3m and 8m lengths.

BW7632 3m Travelpak - Gemini cable

BW7632E 8m Travelpak - Gemini cable.

Spare or Replacement Battery.

The modular nature of the Travelpak allows you to have a spare battery to be fully charged and ready to swap onto the control panel on long photo sessions.

BW7690 Small Battery Unit

BW7691 Large Battery Unit

Trigger Modules

The unique radio trigger modules enbles all compatible Gemini units to be upgraded to include a plug-in radio trigger system. This means no more tying, balancing or attaching your trigger to the flash unit; and no more sync leads - forever.

BW5170 - Pulsar Radio Trigger Module
BW5180 - PocketWizard Radio Trigger Module (EU 433Mhz)
BW5185 - PocketWizard Radio Trigger Module (US 344Mhz)

Pulsar Trigger System

Whether you're triggering flash heads or cameras, the Pulsar is the right tool for the job. Each Pulsar can be used as a trigger or receiver and can send / receive signals up to 100m (333').

BW5150 - Pulsar Radio Trigger
BW5160 - Twin Pulsar Pack Trigger

Glass Domes

These protective glass domes sit over the flash tubes and allow for greater creativity with the flash output. Only available for use with the Gemini 1000Pro and 1500Pro. Three different domes are available:

BW2981 - UV coated Glass Dome
BW2982 - Clear Glass Dome
BW2983 - Frosted Glass Dome

75º Softlite reflector

This 38cm (15") matt-finished reflector is supplied with a double diffuser cap that covers the flash tube and modelling lamp for added softness. It is perfect for portraiture, beauty and small product photography. The diffuser cap be removed, making it an excellent large-diameter direct reflector.

BW1800 - 75º Softlite Reflector

Grid diffuser (for Softlite)

This is an accessory to the 75° Softlite Reflector that creates a unique lighting effect by including a Perspex outer diffuser with a honeycomb grid in the centre. The Grid Diffuser gives a pool of direct light in the centre, surrounded by soft-diffused light. The ratio between the centre and edge is 3:1 - ideal for portrait applications. **BW1866 -** Grid Diffuser

16º Snoot

For creating a simple spot effect, this 10cm (4") cone can also be used as a hair light, creating a pool of illumination on the hair without spilling on to the face or background.

BW1888 Snoot
BW1862 Honeycomb grid for snoot

gemini r and pro accessories

65º Maxilite Reflector

This is a good general-purpose direct reflector with an even coverage and a high light output. Since it has a small 20cm (8") diameter, the light it produces is moderately high in contrast.

BW1887 - 65º Maxilite Reflector

Honeycomb Grids for Maxilite

These grids fit on to the front of the Maxilite Reflector and deliver a very tight controlled pool of illumination, creating a highly efficient spot effect.

BW1891 - ⅜" (9.525mm) Wide Angle Grid

BW1892 - ¼" (6.35mm) Narrow Angle Grid

Barn-Door & Gel holder for Maxilite

This four-leaf barn-door attachment allows a greater degree of control over the light spread. This attachment also incorporates a gel holder allowing the use of the BW2364 Gel Set for creative lighting.

BW2363 - Barn-Door & Gel Holder

Gemini IR Remote Control

The pocket-sized Gemini remote control makes working with compatible Gemini monolights a breeze. Weighing just 34g, this diminiutive device allows precise control of many of the main features.

BW3960 - Gemini IR Remote Control

Gemini R specifications

Model:	GM250R	GM500R
Part Code	230V - BW-3900 117V - BW-3905	230V - BW-3910 117V - BW-3915
Max Power	250Ws	500Ws
Power Range	5 stops (full to 1⁄32)	5 stops (full to 1⁄32)
Power Control	Twin Rotary Dial (Stops or Tenths)	Twin Rotary Dial (Stops or Tenths)
Modelling Control	full / proportional / user defined / off	full / proportional / user defined / off
Ready Indication	Illuminated Test Button	Illuminated Test Button
Fan Cooled	No	No
Auto Dump (resistive & flash)	Yes	Yes
Modelling Lamp	250W Halostar (230V - BW-1024/A) 250W Halostar (117V - BW-1024/B)	250W Halostar (230V - BW-1024/A) 250W Halostar (117V - BW-1024/B)
Flash Tube	Two-Pin Clear FT - BW-2030 Two-Pin UV coated FT - BW-2032	Two-Pin Clear FT - BW-2030 Two-Pin UV coated FT - BW-2032
Glass Dome Protective Cover	No	No
Guide No. (m/100 ISO)	60	85
Recycle to Full Power	1.0 sec	1.3 secs
Flash Duration (at full power)	1/1100 sec.	1/900 sec.
Colour Temperature	5600K ±300K	5600K ±300K
Plug-in Trigger Module Compatible	Yes	Yes
Sync Voltage	5V DC	5V DC
Operating Voltage	230V AC 50Hz or 117V AC 60Hz	230V AC 50Hz or 117-V AC 60Hz
Travelpak Compatibility	Yes	Yes
Voltage Stabilisation	±0.5%	±0.5%
Ready Light Indication	Yes	Yes
Flash Inhibit	Yes	Yes
Audible Ready Sound	Yes	Yes
Width	170mm (6¾")	170mm (6¾")
Length	380mm (14⅞")	380mm (14⅞")
Height	133mm (5¼")	133mm (5¼")
Weight	2.9kg (6.4lbs)	3.4kg (7.5lbs)

Gemini Pro specifications

Model:	GM500PRO	GM750PRO	GM1000PRO	GM1500PRO
Part Code	BW-3925	BW-3935	BW-3945	BW-3955
Max Power	500Ws	750Ws	1000Ws	1500Ws
Power Range	5 stops (full to 1/32)	5 stops (full to 1/32)	7 stops (full to 1/128)	7 stops (full to 1/128)
Power Control	Twin Rotary Dial (1-stop or 1/10-stop control)	Twin Rotary Dial (1-stop or 1/10-stop control)	Twin Rotary Dial (1-stop or 1/10-stop control)	Twin Rotary Dial (1-stop or 1/10-stop control)
Modelling Control	full / proportional / user defined / off	full / proportional / user defined / off	full / proportional / user defined / off	full / proportional / user defined / off
Ready Indication	Illuminated Test Button	Illuminated Test Button	Illuminated Test Button	Illuminated Test Button
Fan Cooled	Yes	Yes	Yes	Yes
Auto Dump (resistive & flash)	Yes	Yes	Yes	Yes
Modelling Lamp	250W Halostar (230V BW-1024/A) 250W Halostar (230V BW-1024/B)	250W Halostar (230V BW-1024/A) 250W Halostar (230V BW-1024/B)	E11 230V 500W (BW2515) / 230V 300W (BW2510) E11 117V 500W (BW2530) / 230V 250W (BW2525) E11 117V 100W (BW2520)	E11 230V 500W (BW2515) / 230V 300W (BW2510) E11 117V 500W (BW2530) / 230V 250W (BW2525) E11 117V 100W (BW2520)
Flash Tube	Three-pin Clear FT - BW-2980 Three-pin UV coated FT - BW-1079	Three-pin Clear FT - BW-2980 Three-pin UV coated FT - BW-1079	Three-pin Clear FT - BW-2980 Three-pin UV coated FT - BW-1079	Three-pin Clear FT - BW-2980 Three-pin UV coated FT - BW-1079
Glass Dome Protective Cover	No	No	Yes	Yes
Guide No. (m/100 ISO)	85	104	120	150
Recycle to Full Power	1.1 secs	1.5 secs	2.0 secs	2.8 secs
Flash Duration (at full power)	1/2900 sec.	1/2300 sec.	1/2100 sec.	1/1400 sec.
Colour Temperature	5600K ±300K	5600K ±300K	5600K ±300K	5600K ±300K
Plug-in Trigger Module Compatible	Yes	Yes	Yes	Yes
Sync Voltage	5V DC	5V DC	5V DC	5V DC
Operating Voltage	Multivoltage (90-130V AC 60 Hz & 195-250V AC 50Hz)	Multivoltage (90-130V AC 60 Hz & 195-250V AC 50Hz)	Multivoltage (90-130V AC 60 Hz & 195-250V AC 50Hz)	Multivoltage (90-130V AC 60 Hz & 195-250V AC 50Hz)
Travelpak Compatibility	Yes	Yes	Yes	Yes
Voltage Stabilisation	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%
Ready Light Indication	Yes	Yes	Yes	Yes
Flash Inhibit	Yes	Yes	Yes	Yes
Audible Ready Sound	Yes	Yes	Yes	Yes
Width	170mm (6¾")	170mm (6¾")	170mm (6¾")	170mm (6¾")
Length	410mm (16¼")	410mm (16¼")	459mm (18⅛")	519mm (20⅜")
Height	133mm (5¼")	133mm (5¼")	133mm (5¼")	133mm (5¼")
Weight	3.5kg (7.7lbs)	4.0kg (8.8lbs)	4.5kg (9.9lbs)	5.0kg (11lbs)

Gemini
R & Pro

lead-free

RoHS
2002/95/EC

BOWENS
the power behind the picture